



Notes:

1. Determine Assembly No. from F80 Catalog.
2. All dimensions are $\pm 1/8"$.
3. Weight = 12.5 lbs.
4. 3/4" or 1" NPT. Contact factory regarding use of male NPT.
5. 6100 psig max. for steel -6 with 3/4" NPT inlet.

ITEM NO	PART NAME	STANDARD MATERIALS		
		BRASS	CARBON STEEL (NACE)	STAINLESS STEEL (NACE)
1	BODY	SB-61	SA-351 CF8M or CF3M	SA-351 CF8M or CF3M
2	SPRING WASHER	ASTM B16	CS/PLATED (316 SS)	A479 316
3	SPRING	302/304/17-7 SS	302/304/17-7SS (INCONEL)	302/304/17-7SS (INCONEL)
4	SPINDLE	ASTM B16	A479 316	A479 316
5	SEAT	PLASTIC	PLASTIC	PLASTIC
6	BUSHING	ASTM B16	SA-479 316	SA-479 316
7	BUSHING SEAL	TEFLON	TEFLON	TEFLON
8	BONNET	SA-351 CF8M or CF3M	SA-351 CF8M or CF3M	SA-351 CF8M or CF3M
9	RETAINER / SCREW	BRASS / MONEL	316 SS	316 SS
10	PRESSURE ADJ SCREW	ASTM B16	CS/PLATED (316 SS)	316 SS
11	LOCK NUT, PA SCREW	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
12	SEAL, PA SCREW	TEFLON	TEFLON	TEFLON
13	CAPSCREW	SA-193 B8	SA-193 B8	SA-193 B8
14	BLOWDOWN RING	ASTM B16	316 SS	316 SS
15	LOCK SCREW, BD	MONEL	316 SS	316 SS
16	SEAL, BD SCREW	TEFLON	TEFLON	TEFLON
17	LOCK NUT, BD SCREW	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
18	CAP, PA SCREW	ASTM B16	316 SS	316 SS
20	NUT	SA-194 GR 8	SA-194 GR 8	SA-194 GR 8
21	CRUSH RING	TEFLON	TEFLON	TEFLON
22	HELICOID	304 SS	304 SS (INCONEL)	304SS (INCONEL)
23	LOCKWIRE	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
24	SEAL	LEAD	LEAD	LEAD
25	LOCKWASHER	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
26	NAMEPLATE	SS DR ALUM.	SS DR ALUM.	SS DR ALUM.

CUSTOMER NAME - _____
 CUSTOMER P.D. NO. - _____
 SERIAL NO. - _____
 TAG NO. - _____
 ASSY NO. (See Note) - _____
 SET PRESSURE - _____ psig CAPACITY - _____ scfm
 NOTES - _____
 PREPARED BY: _____ DATE: _____
 AUTHORIZED REP: _____

CONNECTIONS		NOTES
SIZE	FNPT MNPT	
INLET	1"	
OUTLET	1"	

DRIFTE SIZE (AREA)		MAX. PRESSURE (psig)
-4	-6	
4.065 SQ IN	5.000	9612
6.149 SQ IN	4.500	5774
8.261 SQ IN	2.600	4292

SOFT GOODS		
MATERIAL	SEAT	SEALS
TEFLON (PTFE)		X
VESPEL		
KEL-F (PCTFE)		
PEEK		

FLOW SAFE Inc
 SUBMITTAL DRAWING, F84
 -4, -6, & -8 ORIFICES (C Body)

DRAWING NO. **F84-468-C-S**
 SCALE: NTS REV: -- BY: *WJD* DATE: 3-10-06 SHEET 1 OF 1